

Converting Colors

XYZ(72.3562, 69.0995, 97.6968)

Have a look what the booklet for
XYZ(72.3562, 69.0995, 97.6968)
contains.

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Color

**XYZ(72.5440, 69.3053,
97.5495)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D1F7
RGB	231, 209, 247
RGB Percent	91%, 82%, 97%
CMY	0.0941, 0.1804, 0.0314
CMYK	0.06, 0.15, 0.00, 0.03
HSL	275°, 70%, 89%
HSV	275°, 15%, 97%
XYZ	72.5440, 69.3053, 97.5495
YIQ	219.9100, 0.9140, 16.4820

Conversions

Conversions Part 2

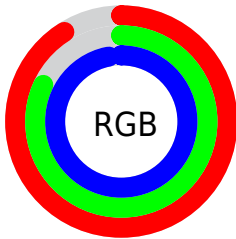
Format	Color
R _Y B	231, 209, 247
Decimal	15192567
CIE Lab	86.66, 14.46, -15.81
CIE LCh	87, 21.428, 312.440
Yxy	69.3053, 0.3030, 0.2895
Android (android.graphics.Color)	4293382647 (0xFFE7D1F7)
YUV	219.9100, 13.3554, 9.7259
Hunter-Lab	83.2498, 9.8580, -11.1993

Details

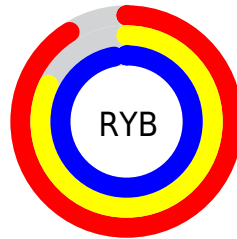
The XYZ color **72.5440, 69.3053, 97.5495** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.8232, 87.1344, 73.1473**, and the grayscale version is **67.8760, 71.4108, 77.7664**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8045, 36.3182, 54.2551** is the 20% darker color. If you saturate the color by 10%, you get **63.6902, 56.4330, 95.5326**, and if you desaturate by 10%, it is **82.5410, 84.1652, 99.8919**.

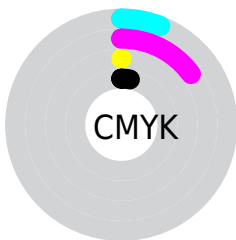
Distribution



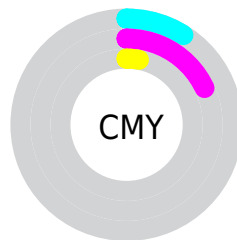
- Red (91%)
- Green (82%)
- Blue (97%)



- Red (91%)
- Yellow (82%)
- Blue (97%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5440, 69.3053, 97.5495 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.5440, 69.3053, 97.5495 by changing the saturation by 10% instead.

72.5440, 69.3053,
97.5495

72.5440, 69.3053,
97.5495

458.5612,
458.1070, 573.4866

53.8902, 50.9604,
73.6502

121.8363,
118.2175, 159.8079

38.7442, 36.1771,
54.0127

153.2055,
149.5536, 199.0041

26.7406, 24.5710,
38.2186

189.5439,
185.9889, 244.1363

17.5141, 15.7577,
25.8492

231.2168,
227.9078, 295.6231

10.6993, 9.3529,
16.4861

278.5897,
275.6947, 353.8829

5.9308, 4.9721,
9.7107

332.0278,

2.8433, 2.2309,

329.7339, 419.3345

5.1045

391.8965,
390.4099, 492.3962

■ 1.0714, 0.7368,
2.2489

■ 0.0010, 0.0000,
0.7024

■ 72.5440, 69.3053,
97.5495

■ 72.5440, 69.3053,
97.5495

■ 63.6902, 56.4330,
95.5326

■ 82.5410, 84.1652,
99.8919

■ 55.9266, 45.4514,
93.8221

■ 92.6224, 98.8942,
102.2036

■ 49.2054, 36.2687,
92.4039

■ 93.7887, 99.4955,
102.2581

■ 43.4721, 28.7815,
91.2609

■ 38.6671, 22.8757,
90.3743

■ 34.7230, 18.4227,
89.7226

■ 31.5620, 15.2726,
89.2812

■ 29.0889, 13.2411,
89.0194

■ 28.1154, 12.5546,
88.9382

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.9557, 69.3053, 105.5153



72.5440, 69.3053, 97.5495



75.4245, 69.3053, 84.0367

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5440, 69.3053, 97.5495



68.8024, 69.3053, 52.2310



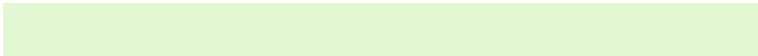
56.9622, 69.3053, 81.5211

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.5440, 69.3053, 97.5495



75.8232, 87.1344, 73.1473

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.1633, 69.3053, 67.4908



72.5440, 69.3053, 97.5495



63.8325, 69.3053, 51.7367

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5440, 69.3053, 97.5495



73.1906, 69.3053, 58.4362



59.6233, 69.3053, 56.9883



59.0594, 69.3053, 95.5093

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5440, 69.3053, 97.5495



75.9041, 69.3053, 74.3010



59.6233, 69.3053, 56.9883



56.7663, 69.3053, 76.6345

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.5461, 69.3082, 97.5510



89.1689, 91.1291, 107.4977



70.1372, 74.3766, 98.6563



18.9144, 19.2481, 22.9683



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5461, 69.3082, 97.5510



75.3584, 70.6469, 104.2721



77.5604, 71.9381, 95.7588



16.5001, 16.4005, 20.8385



15.0348, 6.7250, 47.0437



1.4385, 0.6514, 4.1402

Inverse Universe

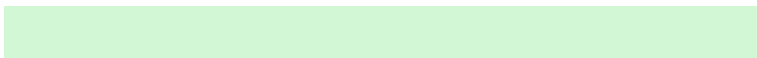
The Inverse Universe completely reimagines the original color for something new.



74.7513, 70.8144, 80.9662



78.1280, 72.5352, 83.5933



71.3827, 84.8086, 74.5899



16.7886, 16.5983, 18.6335



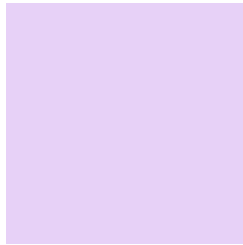
21.6751, 11.0135, 8.2636



1.9552, 0.9880, 0.9903

Previews

White Background



This preview shows how the XYZ color 72.5440, 69.3053, 97.5495 looks on a white background.

Color Contrast Check

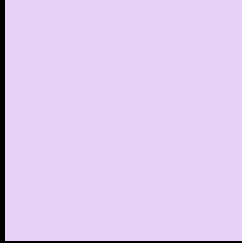
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.5440, 69.3053, 97.5495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5440, 69.3053, 97.5495

Background



This preview shows how black text looks on a background with the XYZ color 72.5440, 69.3053, 97.5495.



This preview shows how white text looks on a background with the XYZ color 72.5440, 69.3053,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.5440, 69.3053, 97.5495

Protanopia

68.5770, 69.4148, 101.0508

Deuteranopia

70.8232, 69.1512, 97.6104



Tritanopia

69.6812, 69.2381, 83.8204

Trichromacy



Original Color

72.5440, 69.3053, 97.5495

Protanomaly

69.9630, 69.3961, 100.1498

Deuteranomaly

71.5136, 69.1395, 97.5718

Tritanomaly

70.7477, 69.3027, 89.0048

Monochromacy



Original Color

72.5440, 69.3053, 97.5495

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.5793, 70.6722, 84.8368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5440, 69.3053, 97.5495 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 209, 247)` looks like.

```
.text, #text, p{  
    color:rgb(231, 209, 247)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 209, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 209, 247) }
```

Border

The CSS property to change the border of an element to XYZ 72.5440, 69.3053, 97.5495 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 209, 247) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 209, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 209, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 209, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 209, 247);  
box-shadow:4px 4px 4px 4px rgb(231, 209,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5440, 69.3053, 97.5495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 209, 247) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
209, 247) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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